

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/001427

## A. CLASSIFICATION OF SUBJECT MATTER

G01N33/53 C12N5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01N33+ C12N5+

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Document (1985-)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI EPODOC PAJ: lymphocyte, vaccin+, neutralizing w antibody, pathgen+, medium or media

CNPAT: 淋巴细胞, 疫苗, 中和抗体, 病原菌, 培养基

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO03044529A1 (RIGEL PHARMACEUTICALS, INC. US) 30.May 2003 (30.05.2003) page11, line 31-page 68, line 31	1-23
A	EP0289896A1(E.I. DU PONT DE NEMOURS AND COMPANY) 09.Nov 1988 (09.11.1988) page 4, line 54-page 14	1-23
A	US20030211548A1(Oncolmmunin, Inc.)13.Nov 2003 (13.11.2003) page 3, left Col., line 26-page 12, right col., line 24	1-23
A	CN1444043A(PAFORUI BIOLOGICAL TECHNOLOGY BEIJING CO ) 24.Sep .2003 (24.09.2003) page 4, line 1-page 12, line 5, fig. 1	1-23
A	CN1112933A(ENDL J and BOEHRINGER MANNHEIM GMBH etc.)06.Dec 1995(06.12.1995) page 5, line 12-page 30, line 16, fig 1-4	1-23

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"document member of the same patent family

Date of the actual completion of the international search

11.Jun. 2005

Date of mailing of the international search report

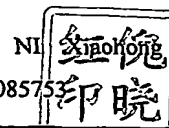
30 · JUN 2005 (3 · 06 · 2005)

Name and mailing address of the ISA/CN

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Telephone No. 86-10-62085755



**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN2004/001427

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
WO03044529A1	30.May. 2003	AU2002366157 A1	10.Jun. 2003
EP0289896A1	09.Nov. 1988	AU1520088 A	27.Oct. 1988
		NO8801819 A	21.Nov. 1988
		DK8802262 A	28.Oct. 1988
		JP63295510 A	01.Dec. 1988
		FI8801952 A	28.Oct. 1988
		US4808151 A	28.Feb. 1989
		PT87335 A	12.May. 1989
		ZA8802948 A	27.Dec. 1989
		HU50219 A	28.Dec. 1989
		KR9004422 B	25.Jun. 1990
		EP0289896 B1	08.Jul. 1992
		CA1304306 C	30.Jun. 1992
		DE3872588 G	13.Aug. 1992
US20030211548A1	13.Nov. 2003	ES2051790 T3	01.Jul. 1994
		JP6057147 B2	03. Aug. 1994
		NONE	
CN1444043A	24.Sep. 2003	WO2004059319 A	15.Jul. 2004
CN1112933A	06.Dec. 1995	NONE	

# 国际检索报告

国际申请号

PCT/CN2004/001427

## A. 主题的分类

G01N33/53 C12N5/00

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

## B. 检索领域

检索的最低限度文献(标明分类系统和分类号)

IPC7: G01N33+ C12N5+

包含在检索领域中的除最低限度文献以外的检索文献

中国专利文献(1985—)

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))

WPI EPODOC PAJ: lymphocyte, vaccin+, neutralizing w antibody, pathgen+, medium or media

CNPAT: 淋巴细胞, 疫苗, 中和抗体, 病原菌, 培养基

## C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
A	WO03044529A1 (美国 RIGEL 制药有限公司) 30.5 月 2003 (30.05.2003) 第 11 页第 31 行至第 68 页第 31 行	1—23
A	EP0289896A1(E.I. DU PONT DE NEMOURS AND COMPANY) 09.11 月 1988 (09.11.1988) 第 4 页第 54 行至第 14 页	1—23
A	US20030211548A1(Oncolmmunin, Inc.)13.11 月 2003 (13.11.2003) 第 3 页左栏第 26 行至第 12 页右栏第 24 行	1—23
A	CN1444043A(帕弗瑞生物技术北京有限公司) 24.9 月.2003 (24.09.2003) 第 4 页第 1 行至第 12 页第 5 行, 图 1	1—23
A	CN1112933A(伯伦格.曼海螺有限公司)06.12 月.1995(06.12.1995)第 5 页第 12 行至第 30 页第 16 行, 图 1—4	1—23

☐ 其余文件在 C 栏的续页中列出。

☒ 见同族专利附件。

\* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“B” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 或为确定另一篇  
引用文件的公布日而引用的或者因其他特殊理由而引  
用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了  
理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的  
发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件  
结合并且这种结合对于本领域技术人员为显而易见时,  
要求保护的发明不具有创造性

“&” 同族专利的文件

国际检索实际完成的日期

11. 6 月 2005 (11.06.2005)

国际检索报告邮寄日期

30 . 6 月 2005 (30 . 06 . 2005)

中华人民共和国国家知识产权局(ISA/CN)

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国际检索报告  
关于同族专利的信息

国际申请号  
PCT/CN2004/001427

检索报告中引用的 专利文件	公布日期	同族专利	公布日期
WO03044529A1	30.05 月 2003	AU2002366157 A1	10.06 月 2003
EP0289896A1	09.11 月 1988	AU1520088 A	27.10 月 1988
		NO8801819 A	21.11 月 1988
		DK8802262 A	28.10 月 1988
		JP63295510 A	01.12 月 1988
		FI8801952 A	28.10 月 1988
		US4808151 A	28.02 月 1989
		PT87335 A	12.05 月 1989
		ZA8802948 A	27.12 月 1989
		HU50219 A	28.12 月 1989
		KR9004422 B	25.06 月 1990
		EP0289896 B1	08.07 月 1992
		CA1304306 C	30.06 月 1992
		DE3872588G	13.08 月 1992
		ES2051790 T3	01.07 月 1994
		JP6057147 B2	03.08 月 1994
US20030211548A1	13.11 月 2003	无	
CN1444043A	24.09 月 2003	WO2004059319 A	15.07 月 2004
CN1112933A	06.12 月 1995	无	